

PLEASE ENTER AND FILE 7/23/2006 (SP)

AMENDMENTS TO THE CLAIMS

Please amend claims 90 and 93 as indicated below, wherein deleted material is shown by strikethrough and added material is underlined. In addition, please cancel claims 92 and 108-118 and add claims 119-132. A complete listing of claims pending in the application following entry of this Amendment are presented as follows:

1-70. (Cancelled)

71. (Previously Presented) A golf club head having a face for contacting a golf ball and a weight positioning system, the weight positioning system comprising:

a support having a longitudinal axis extending along a length of the support; and  
a weight that is movable along the support and around the support to vary a position of a center of gravity of the golf club head, the weight defining an opening that extends at least partially around the support,

wherein one of an indentation and a protrusion extends along the support and in a direction substantially parallel to the longitudinal axis of the support, and another of the indentation and the protrusion is positioned within the opening, the indentation receiving the protrusion to limit movement of the weight around the support.

72. (Previously Presented) The golf club head recited in claim 71, wherein a center of gravity of the weight is offset from the opening.

73. (Previously Presented) The golf club head recited in claim 71, wherein the golf club head includes a shell that defines the face.

74. (Previously Presented) The golf club head recited in claim 73, wherein the weight positioning system is located within the shell.

75. (Previously Presented) The golf club head recited in claim 73, wherein the shell defines an aperture and the weight positioning system is removable from an interior of the shell through the aperture.

76. (Previously Presented) The golf club head recited in claim 75, wherein the aperture is positioned in a lower area of the shell.

77. (Previously Presented) The golf club head recited in claim 71, wherein the longitudinal axis of the support is oriented substantially parallel to the face.

78. (Previously Presented) The golf club head recited in claim 71, wherein the weight positioning system includes a locking mechanism that secures a position of the weight relative to the support.

79. (Previously Presented) The golf club head recited in claim 78, wherein the locking mechanism is a pair of locking rings that extend around the support and are positioned on opposite sides of the weight.

80. (Previously Presented) The golf club head recited in claim 71, wherein the weight has an elliptical shape.

81. (Previously Presented) The golf club head recited in claim 71, wherein the weight positioning system includes at least one scale to determine a position of the weight relative to the support.

82. (Previously Presented) The golf club head recited in claim 81, wherein the scale is positioned on a surface of the support.

83. (Previously Presented) The golf club head recited in claim 81, wherein the at least one scale includes a first scale and a second scale, the first scale being oriented to extend in a direction substantially parallel to the longitudinal axis to determine a position of the weight along the support, and the second scale being oriented to extend in a direction substantially perpendicular to the longitudinal axis to determine a position of the weight around the support.

84. (Previously Presented) The golf club head recited in claim 71, wherein the weight is interchangeable with one of a plurality of alternate weights.

85. (Previously Presented) The golf club head recited in claim 84, wherein at least one of the alternate weights has a different mass than the weight.

86. (Previously Presented) The golf club head recited in claim 84, wherein at least one of the alternate weights has a different shape than the weight.

87. (Previously Presented) The golf club head recited in claim 71, wherein the weight positioning system is mounted on an exterior of the golf club head.

88. (Previously Presented) The golf club head recited in claim 71, wherein the weight includes a pair of arms that extend outward from the support, and a pair of masses are secured to the arms.

89. (Previously Presented) The golf club head recited in claim 88, wherein the arms are angled with respect to each other.

90. (Currently Amended) A golf club head having a face for contacting a golf ball and a weight positioning system, the weight positioning system comprising:

a support having a longitudinal axis extending along a length of the support;

a weight that is movable along the support and around the support to vary a position of a center of gravity of the golf club head, the weight defining an opening that extends at least partially around the support; and

at least one scale located to determine a position of the weight relative to the support, the at least one scale including a first scale and a second scale, the first scale being oriented to extend in a direction substantially parallel to the longitudinal axis, and the second scale being oriented to extend in a direction substantially perpendicular to the longitudinal axis.

91. (Previously Presented) The golf club head recited in claim 90, wherein the scale is positioned on a surface of the support.

92. (Cancelled)

93. (Currently Amended) The golf club head recited in claim 92 90, wherein the first scale determines a position of the weight along the support, and the second scale determines a position of the weight around the support.

94. (Previously Presented) The golf club head recited in claim 90, wherein an indentation extends along the support and in a direction parallel to the longitudinal axis of the support, and a protrusion is positioned within the opening, the indentation receiving the protrusion to limit movement of the weight around the support.

95. (Previously Presented) The golf club head recited in claim 94, wherein the scale is positioned within the indentation.

96. (Previously Presented) The golf club head recited in claim 94, wherein a center of gravity of the weight is offset from the opening.

97. (Previously Presented) The golf club head recited in claim 94, wherein the golf club head includes a shell that defines the face.

98. (Previously Presented) The golf club head recited in claim 97, wherein the weight positioning system is located within the shell.

99. (Previously Presented) The golf club head recited in claim 90, wherein the longitudinal axis of the support is oriented substantially parallel to the face.

100. (Previously Presented) The golf club head recited in claim 90, wherein the weight has an elliptical shape.

101. (Previously Presented) The golf club head recited in claim 90, wherein a center of gravity of the weight is offset from the opening.

102. (Previously Presented) The golf club head recited in claim 90, wherein the weight is interchangeable with one of a plurality of alternate weights.

103. (Previously Presented) The golf club head recited in claim 102, wherein at least one of the alternate weights has a different mass than the weight.

104. (Previously Presented) The golf club head recited in claim 102, wherein at least one of the alternate weights has a different shape than the weight.

105. (Previously Presented) The golf club head recited in claim 90, wherein the weight positioning system is mounted on an exterior of the golf club head.

106. (Previously Presented) The golf club head recited in claim 90, wherein the weight includes a pair of arms that extend outward from the support, and a pair of masses are secured to the arms.

107. (Previously Presented) The golf club head recited in claim 106, wherein the arms are angled with respect to each other.

108-118. (Cancelled)

119. (New) A golf club head having a face for contacting a golf ball and a weight positioning system, the weight positioning system comprising:

a support having a longitudinal axis extending along a length of the support;  
a weight that is movable along the support and around the support to vary a position of a center of gravity of the golf club head, the weight defining an opening that extends at least partially around the support; and  
at least one scale located to determine a position of the weight relative to the support,

wherein an indentation extends along the support and in a direction parallel to the longitudinal axis of the support, and a protrusion is positioned within the opening, the indentation receiving the protrusion to limit movement of the weight around the support.

120. (New) The golf club head recited in claim 119, wherein the scale is positioned on a surface of the support.

121. (New) The golf club head recited in claim 119, wherein the scale is positioned within the indentation.

122. (New) The golf club head recited in claim 119, wherein a center of gravity of the weight is offset from the opening.

123. (New) The golf club head recited in claim 119, wherein the golf club head includes a shell that defines the face.

124. (New) The golf club head recited in claim 123, wherein the weight positioning system is located within the shell.

125. (New) The golf club head recited in claim 119, wherein the longitudinal axis of the support is oriented substantially parallel to the face.

126. (New) A golf club head having a face for contacting a golf ball and a weight positioning system, the weight positioning system comprising:

    a support having a longitudinal axis extending along a length of the support;  
    a weight with an elliptical shape, the weight being movable along the support and around the support to vary a position of a center of gravity of the golf club head, the weight defining an opening that extends at least partially around the support; and  
    at least one scale located to determine a position of the weight relative to the support.

127. (New) The golf club head recited in claim 126, wherein the scale is positioned on a surface of the support.

128. (New) The golf club head recited in claim 126, wherein a center of gravity of the weight is offset from the opening.

129. (New) The golf club head recited in claim 126, wherein the weight is interchangeable with one of a plurality of alternate weights.

130. (New) The golf club head recited in claim 129, wherein at least one of the alternate weights has a different mass than the weight.

131. (New) The golf club head recited in claim 129, wherein at least one of the alternate weights has a different shape than the weight.

132. (New) The golf club head recited in claim 126, wherein the weight positioning system is mounted on an exterior of the golf club head.